7월 3일 굴뚝별 트랜드

					07-03 00:00	07-03 00:30	07-03 01:00	07-03 01:30	07-03 02:00	07-03 02:30	07-03 03:00	07-03 03:30	07-03 04:00	07-03 04:30	07-03 05:00	07-03 05:30	07-03 06:00	07-03 06:30	07-03 07:00	07-03 07:30
TSP	20	mg/Sm³	12	1	0.68	0.57	0.54	0.56	0.60	0.56	0.56	0.52	0.69	0.51	0.54	0.58	0.60	0.53	0.59	0.56
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
NOx	70	ppm	12	1	11.95	8.18	8.59	7.74	8.15	11.61	9.35	9.95	13.69	6.15	6.20	11.26	6.61	7.05	8.77	15.43
HCl	15	ppm	12	1	2.74	1.76	1.83	2.29	1.97	1.33	1.46	1.24	2.15	1.39	0.88	0.96	0.96	0.63	0.41	0.97
CO	50	ppm	12	1	5.69	2.08	6.10	7.85	1.65	5.61	1.94	3.16	8.06	21.83	18.84	0.96	0.63	10.28	0.24	0.17
O_2		%	0	0.1	9.00	7.28	6.30	6.60	7.85	7.08	7.41	6.62	8.73	5.41	6.34	7.29	7.78	5.69	7.11	6.17
FL1		Sm³	12	10	11,770	13,889	15,158	14,607	13,255	14,020	13,650	14,459	12,915	16,196	15,010	13,614	13,439	15,679	14,869	16,147
TMP		℃	0	1	179.16	179.13	179.82	180.21	179.79	178.07	177.86	178.32	179.25	179.74	179.41	178.84	178.42	178.17	179.10	180.54
TM1		℃	0	1	1,083.56	1,015.98	1,039.00	1,052.30	1,005.52	1,022.02	998.93	1,026.74	1,042.50	1,061.29	1,034.37	1,041.07	998.26	1,071.32	1,027.49	1,088.14
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-03 08:00	07-03 08:30	07-03 09:00	07-03 09:30	07-03 10:00	07-03 10:30	07-03 11:00	07-03 11:30	07-03 12:00	07-03 12:30	07-03 13:00	07-03 13:30	07-03 14:00	07-03 14:30	07-03 15:00	07-03 15:30
TSP	20	mg/Sm³	12	1	0.72	0.54	0.59	0.66	0.61	0.62	0.56	0.58	0.77	0.63	0.60	0.64	0.57	0.64	0.60	0.58
SOx	30	ppm	12	1	0.93	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.00	0.00	0.40	0.00	2.66	0.81	0.00	0.00
NOx	70	ppm	12	1	21.59	15.65	14.92	10.13	14.32	16.14	20.03	18.75	27.79	19.45	18.47	17.33	24.99	16.72	20.78	18.96
HCl	15	ppm	12	1	2.96	1.77	1.92	2.06	1.53	1.64	1.58	3.05	5.56	3.30	3.45	2.31	3.31	7.06	2.88	2.63
CO	50	ppm	12	1	10.78	0.42	0.19	0.44	0.24	0.25	0.18	0.21	0.21	0.38	0.28	0.30	0.22	0.38	0.17	0.28
O_2		%	0	0.1	8.25	6.07	7.18	9.09	8.16	8.39	6.99	6.68	9.62	7.67	7.05	8.07	6.40	8.02	7.47	6.89
FL1		Sm³	12	10	13,046	15,411	14,291	12,425	13,491	13,218	15,085	15,773	12,548	14,707	15,105	13,815	15,954	13,652	14,409	14,773
TMP		℃	0	1	181.39	180.26	179.86	179.58	179.72	179.88	180.28	181.24	181.95	181.83	181.98	181.24	181.03	181.33	180.23	180.79
TM1		℃	0	1	1,114.81	1,096.89	1,055.87	980.31	1,016.81	1,016.01	1,048.07	1,056.79	1,055.58	1,000.11	1,055.19	1,009.77	1,069.05	1,038.43	1,046.61	1,053.85
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-03 16:00	07-03 16:30	07-03 17:00	07-03 17:30	07-03 18:00	07-03 18:30	07-03 19:00	07-03 19:30	07-03 20:00	07-03 20:30	07-03 21:00	07-03 21:30	07-03 22:00	07-03 22:30	07-03 23:00	07-03 23:30
TSP	20	mg/Sm³	12	1	0.74	0.55	0.53	0.60	0.62	0.54	0.54	0.56	0.76	0.54	0.55	0.54	0.57	0.60	0.51	0.53
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.04	0.08	1.00	0.00
NOx	70	ppm	12	1	22.71	18.06	17.93	15.33	16.77	18.33	18.79	18.53	18.68	13.50	15.69	25.76	18.79	19.90	23.92	26.16
HCl	15	ppm	12	1	2.75	0.96	1.43	1.32	1.59	1.71	1.67	1.60	1.43	0.35	1.18	0.94	1.86	1.34	3.40	2.64
CO	50	ppm	12	1	0.33	0.54	1.15	0.33	0.50	0.39	0.62	0.25	0.48	1.43	0.17	0.11	0.23	1.08	2.80	0.12
O_2		%	0	0.1	9.39	6.38	5.66	7.71	8.04	6.31	6.06	6.72	10.82	6.38	6.56	6.14	7.25	7.66	5.56	5.88
FL1		Sm³	12	10	11,585	14,903	15,534	13,246	12,947	14,952	15,165	14,265	10,635	14,772	14,412	14,909	13,532	13,351	15,586	15,233
TMP		℃	0	1	179.67	179.01	179.41	178.70	177.63	178.00	178.96	178.41	178.16	177.65	178.80	178.61	178.02	177.40	177.52	179.22
TM1		℃	0	1	1,067.67	1,058.81	1,099.26	1,016.82	997.15	1,044.57	1,076.59	1,057.95	1,016.80	1,052.82	1,075.40	1,093.85	1,071.66	1,021.41	1,139.36	1,118.67
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

7월 4일 굴뚝별 트랜드

					07-04 00:00	07-04 00:30	07-04 01:00	07-04 01:30	07-04 02:00	07-04 02:30	07-04 03:00	07-04 03:30	07-04 04:00	07-04 04:30	07-04 05:00	07-04 05:30	07-04 06:00	07-04 06:30	07-04 07:00	07-04 07:30
TSP	20	mg/Sm³	12	1	0.74	0.61	0.49	0.47	0.56	0.55	0.61	0.55	0.74	0.55	0.58	0.54	0.55	0.54	0.56	0.57
SOx	30	ppm	12	1	0.00	0.00	0.01	0.15	0.03	0.00	0.00	0.00	0.00	0.10	0.00	0.15	0.01	0.46	0.00	0.00
NOx	70	ppm	12	1	28.25	15.74	16.52	16.86	18.44	15.72	11.88	11.32	15.69	11.90	11.90	10.40	8.14	12.00	14.89	9.68
HCl	15	ppm	12	1	1.98	0.97	0.86	1.05	1.57	1.37	2.08	1.75	3.67	1.97	1.32	1.95	1.61	1.20	1.06	1.37
CO	50	ppm	12	1	0.27	0.40	22.81	50.20	1.86	1.96	0.51	5.40	1.53	17.26	4.22	11.24	40.34	21.31	0.30	1.95
O_2		%	0	0.1	10.19	7.95	5.03	4.12	6.56	6.22	7.89	6.31	9.61	6.40	7.24	6.29	6.46	6.08	6.76	7.02
FL1		Sm³	12	10	11,147	13,225	16,341	17,386	14,738	15,188	13,276	15,079	11,870	14,637	13,824	14,698	14,823	15,329	14,644	14,244
TMP		℃	0	1	178.34	177.96	177.90	179.42	179.14	178.92	178.95	178.88	179.25	179.23	178.68	178.85	178.72	179.16	179.48	179.20
TM1		℃	0	1	1,059.16	992.11	1,098.93	1,148.95	1,080.80	1,082.74	1,010.57	1,053.96	1,054.75	1,072.94	1,033.66	1,080.32	1,038.75	1,083.70	1,046.01	1,050.75
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-04 08:00	07-04 08:30	07-04 09:00	07-04 09:30	07-04 10:00	07-04 10:30	07-04 11:00	07-04 11:30	07-04 12:00	07-04 12:30	07-04 13:00	07-04 13:30	07-04 14:00	07-04 14:30	07-04 15:00	07-04 15:30
TSP	20	mg/Sm³	12	1	0.72	0.61	0.55	0.54	0.50	0.56	0.52	0.51	0.71	0.51	0.51	0.51	0.51	0.55	0.51	0.55
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	11.91	8.97	7.87	6.41	7.54	6.18	7.00	9.51	12.91	7.97	6.00	5.44	7.83	5.98	11.31	8.73
HCl	15	ppm	12	1	1.95	1.17	0.92	1.06	0.65	0.72	0.19	0.13	1.39	0.56	0.68	0.73	0.52	0.88	0.53	1.09
CO	50	ppm	12	1	0.65	0.41	2.72	4.29	7.57	0.61	2.22	7.54	13.26	4.16	10.17	10.76	23.59	0.69	0.97	0.46
O_2		%	0	0.1	9.26	7.70	6.89	6.59	5.29	7.49	6.81	5.54	9.35	6.03	6.02	6.04	5.88	7.19	6.49	7.33
FL1		Sm³	12	10	12,085	13,562	14,781	15,038	16,390	13,439	14,078	15,810	11,917	15,394	15,421	15,286	15,324	13,642	14,399	13,643
TMP		℃	0	1	179.03	179.05	179.20	179.44	179.47	178.94	178.09	179.00	179.92	179.53	179.85	179.84	179.83	179.49	179.11	179.29
TM1		℃	0	1	1,053.79	1,015.21	1,024.57	1,019.59	1,063.52	1,010.78	1,036.17	1,071.87	1,049.88	1,051.15	1,042.43	1,037.85	1,051.15	1,020.88	1,066.00	1,020.83
TM3		℃	0	1	36.17	36.18	36.19	36.18	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.18	36.18	36.18	36.18

					07-04 16:00	07-04 16:30	07-04 17:00	07-04 17:30	07-04 18:00	07-04 18:30	07-04 19:00	07-04 19:30	07-04 20:00	07-04 20:30	07-04 21:00	07-04 21:30	07-04 22:00	07-04 22:30	07-04 23:00	07-04 23:30
TSP	20	mg/Sm³	12	1	0.67	0.55	0.50	0.53	0.55	0.56	0.53	0.58	0.68	0.52	0.60	0.53	0.52	0.52	0.55	0.53
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	14.11	8.92	9.84	8.25	6.09	5.81	7.65	6.68	8.33	8.84	5.12	8.91	12.08	11.66	11.48	8.20
HCl	15	ppm	12	1	2.38	1.58	1.15	1.70	1.38	1.08	1.29	1.55	1.80	1.49	1.42	0.68	1.33	1.48	1.82	1.72
CO	50	ppm	12	1	0.71	1.12	6.35	7.66	2.50	1.55	3.13	1.84	10.68	5.41	2.20	2.21	7.58	15.76	4.95	19.11
O_2		%	0	0.1	9.26	7.23	5.77	6.29	6.87	7.23	6.20	7.49	8.94	5.62	7.71	6.76	6.29	5.87	6.52	6.02
FL1		Sm³	12	10	11,895	13,788	15,672	14,974	14,402	13,898	15,090	13,651	12,416	15,831	13,338	14,331	14,642	15,362	14,670	15,193
TMP		℃	0	1	178.93	179.09	179.27	179.77	179.26	178.99	178.48	179.18	177.79	178.33	179.31	177.14	176.76	178.56	178.68	178.64
TM1		℃	0	1	1,042.50	1,010.22	1,055.32	1,051.80	1,012.55	987.39	1,041.14	1,012.81	1,012.20	1,056.94	991.19	1,018.07	1,058.80	1,058.09	1,053.33	1,050.86
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

7월 5일 굴뚝별 트랜드

					07-05 00:00	07-05 00:30	07-05 01:00	07-05 01:30	07-05 02:00	07-05 02:30	07-05 03:00	07-05 03:30	07-05 04:00	07-05 04:30	07-05 05:00	07-05 05:30	07-05 06:00	07-05 06:30	07-05 07:00	07-05 07:30
TSP	20	mg/Sm³	12	1	0.68	0.61	0.61	0.53	0.54	0.62	0.52	0.62	0.71	0.56	0.56	0.57	0.58	0.57	0.49	0.51
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	13.78	7.14	9.86	10.58	8.84	3.58	7.43	4.25	5.67	5.50	4.71	6.46	5.40	6.31	8.20	9.27
HCl	15	ppm	12	1	3.07	2.34	1.37	1.45	1.97	1.76	0.83	0.94	1.24	0.89	1.00	0.80	0.84	0.82	0.75	1.40
CO	50	ppm	12	1	16.88	2.87	0.78	1.65	20.52	4.32	1.35	0.79	7.27	4.24	1.28	1.77	1.77	4.39	3.94	4.96
O_2		%	0	0.1	8.55	8.28	8.49	6.61	6.08	8.08	6.14	7.97	9.48	6.82	7.01	7.21	7.35	7.36	5.72	5.38
FL1		Sm³	12	10	12,307	12,328	12,574	14,640	15,224	12,939	15,222	13,150	11,833	14,521	14,343	14,286	14,113	13,922	15,583	16,303
TMP		℃	0	1	178.44	177.75	176.60	177.55	178.95	177.93	177.05	181.33	180.46	179.09	179.14	178.87	178.72	178.22	177.83	179.18
TM1		℃	0	1	1,086.86	1,000.67	958.53	1,029.77	1,058.91	969.01	1,045.41	989.30	1,019.47	1,016.07	994.41	989.47	975.13	978.63	1,064.12	1,090.47
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-05 08:00	07-05 08:30	07-05 09:00	07-05 09:30	07-05 10:00	07-05 10:30	07-05 11:00	07-05 11:30	07-05 12:00	07-05 12:30	07-05 13:00	07-05 13:30	07-05 14:00	07-05 14:30	07-05 15:00	07-05 15:30
TSP	20	mg/Sm³	12	1	0.71	0.55	0.58	0.56	0.44	0.43	0.43	0.45	0.44	0.45	0.47	0.46	0.46	0.43	0.44	0.45
SOx	30	ppm	12	1	0.03	0.34	0.00	0.00	0.56	0.78	38.20	4.71	2.04	3.67	4.47	0.82	0.00	0.00	0.00	1.05
NOx	70	ppm	12	1	9.80	9.84	10.12	7.98	1.80	0.10	87.06	10.36	13.75	20.36	17.95	14.73	17.08	12.33	19.34	16.58
HCl	15	ppm	12	1	3.38	2.80	2.21	2.74	1.43	0.60	15.48	0.44	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	15.01	15.94	0.40	0.65	1.35	0.17	107.34	12.88	2.47	4.33	30.27	5.19	8.96	1.30	1.88	22.16
O_2		%	0	0.1	8.96	6.15	7.24	6.77	13.28	14.15	0.13	19.14	10.22	5.07	4.81	6.20	5.90	7.65	5.78	5.46
FL1		Sm³	12	10	12,819	15,432	14,827	15,106	18,862	18,477	19,035	19,560	19,684	19,869	20,224	19,824	19,741	18,923	19,591	19,680
TMP		℃	0	1	179.46	179.84	179.59	180.54	180.22	179.60	179.04	181.54	181.23	182.23	182.56	183.20	182.42	180.66	179.26	181.36
TM1		℃	0	1	1,053.91	1,071.21	1,008.56	1,023.21	1,058.46	997.70	1,006.58	997.24	1,031.67	1,070.53	1,088.03	1,039.51	1,062.15	976.20	1,042.89	1,046.35
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.18	36.17	36.17	36.18	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-05 16:00	07-05 16:30	07-05 17:00	07-05 17:30	07-05 18:00	07-05 18:30	07-05 19:00	07-05 19:30	07-05 20:00	07-05 20:30	07-05 21:00	07-05 21:30	07-05 22:00	07-05 22:30	07-05 23:00	07-05 23:30
TSP	20	mg/Sm³	12	1	0.44	0.47	0.53	0.53	0.92	0.58	0.52	0.50	0.73	0.53	0.50	0.49	0.51	0.51	0.60	0.55
SOx	30	ppm	12	1	5.22	3.10	0.35	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03
NOx	70	ppm	12	1	15.02	12.88	9.76	11.63	12.77	12.82	14.81	13.92	17.05	14.31	15.18	8.20	9.86	8.00	8.26	18.35
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	3.42	9.09
CO	50	ppm	12	1	9.85	25.37	1.08	0.75	1.74	0.45	2.39	24.21	1.00	1.02	10.67	57.42	2.30	9.37	1.57	0.66
O_2		%	0	0.1	7.57	4.53	5.78	5.44	6.20	6.89	5.76	4.84	9.13	5.95	4.74	4.61	5.76	5.67	7.91	7.51
FL1		Sm³	12	10	19,716	19,065	15,852	16,614	15,614	15,132	16,358	17,516	12,316	16,162	17,825	16,547	15,005	14,888	13,074	14,105
TMP		℃	0	1	181.25	181.84	180.32	179.62	179.10	178.41	177.95	178.32	178.41	177.20	177.70	177.34	175.69	174.27	176.47	176.23
TM1		℃	0	1	1,075.89	1,080.13	1,052.67	1,077.39	1,041.54	1,013.13	1,040.71	1,080.87	1,028.57	1,042.66	1,082.71	1,087.81	1,036.31	1,054.52	970.74	980.21
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17